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SUGAR REPORTS

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MARKET REVIEW

The Department on Jan. 14, 1971 announced that raw sugar under set-aside agreements for importation during the second quarter of 1971 may be authorized for entry prior to April 1 for refining and storage at North of Hatteras refineries. On Jan. 19, 1971 the Department approved applications for the importation from 22 foreign countries of 1,411,865 short tons, raw value, of raw sugar during the second quarter of 1971. The press releases accompanying the two actions have been reproduced beginning on page 11 together with the quantities of sugar requested and approved for second quarter importation by individual countries.

Inventories of raw and refined sugar reported on hand by all primary distributors as of Jan. 2, 1971 amounted to 2,761,000 short tons, raw value, according to preliminary reports. This was about 38,000 tons less than at year-end 1969 and 559,000 tons more than at the end of November 1970. Cane sugar refiners' stocks of raw and refined sugar totaled 1,068,000 tons, up 104,000 tons from year end 1969 and up 162,000 tons from the end of November 1970. Beet processors' stocks of 1,348,000 tons were 66,000 tons less than last year but 191,000 tons more than a month earlier.

Deliveries of sugar by primary distributors during December for consumption in the continental United States totaled 1,043,000 short tons, raw value, according to preliminary reports. This was 221,000 tons more than in November and 124,000 tons more than in December of last year. The December deliveries, which included about 170,000 tons of constructive deliveries (sugar sold and charged to quotas in December but for physical delivery during January and February 1971) brought the total reported distribution for calendar year 1970 to a record 11,317,000 tons, or 662,000 tons more than reported during calendar year 1969.

Regionally, reported deliveries of refined sugar by States during the period January-November 1970 were 5.4 percent above those of the same period of 1969. Increases occurred in each of the five geographical regions. The North Central region had the largest increase -- 8.1 percent followed by the West up 4.6 percent, the mid-Atlantic up 4.5 percent, the South up 4.2 percent and the New England region up 1.5 percent. Individually, 42 States received more sugar in the first 11 months of 1970 as compared to those months of 1969, eight States received less.

Announced increases in either the quoted or actual prices for refined sugar sold at wholesale in the basis pack--100-pound paper bags--to take effect during January 1971 were noted for the Gulf, South-east and Chicago-west regions during the period under review. On Dec. 16, a cane sugar refiner in the Gulf region announced he would accept forward orders for 100-pound bags of refined sugar through Dec. 30, 1970 for shipment during the period Jan. 4 through Feb. 26, 1971 at 11.30 cents per pound or .10 cent below the current list price. Since contracts during the fourth quarter 1970 were accepted at prices .25 cent below list or at 11.15 cents per pound, the new contract price represents a price increase of .15 cent per pound. On Dec. 18, a cane sugar refiner in the Southeast announced an increase of .15 cent per pound in the quoted price for 100-pound bags of refined sugar sold at wholesale, effective at close of business the same day. However, provision was made to continue to consider orders at the pre-advance prices for shipment through the close of business Jan. 8, 1971. Other sellers in these regions followed with similar increases.

On December 18, a beet sugar processor announced that in the Chicago-west region, effective Jan. 1, 1971, the quoted price for industrial grades of refined sugar sold in 100-pound bags would be advanced .15 cent per pound, from 11.45 cents to 11.60 cents. Provision was included to continue to ship orders through Jan. 15, 1971 at pre-advance prices.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack by regions. Significant variations of actual prices from quoted prices may be found in certain areas reflecting competitive conditions.

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100-pound paper bags</u>	
Northeast	12.20	
Southeast	11.80	
Gulf	11.30/11.40	
Eastern beet		11.60
Chicago-west	11.60	11.60
Lower Pacific	11.20	11.20
Northwest Intermountain	11.20	11.20

The U. S. average retail price for refined sugar sold in 5-pound paper bags was 13.34 cents per pound during November, up from 13.22 cents in October and from 12.48 cents in November of last year.

During December the spot quotation for raw sugar duty paid and delivered to New York, as reported on the New York Coffee and Sugar Exchange, was quite active. The quotation started December at 7.75 cents and by month-end had reached 8.25 cents per pound. For the month of December the quotation averaged 8.02 cents per pound compared with 7.96 cents during November and 7.73 cents during December of last year. For the calendar year 1970 the price averaged 8.07 cents per pound compared with 7.75 cents during calendar year 1969. During the period Jan. 4-27, 1971 the price quotation has continued strong, rising to 8.30 cents on Jan. 8, to 8.35 cents on Jan. 12 and to 8.40 cents on Jan. 18. For the Jan. 4-27 period the quotation averaged 8.34 cents per pound compared with 8.12 cents during the same period last year.

The sugarcane harvest in Louisiana is now complete and the final outturn is not expected to exceed 602,000 tons, raw value. As of Jan. 15, sugar production in Florida amounted to slightly more than 313,000 tons with the crop expected to reach about 625,000 tons.

Sugar production in Hawaii of the 1971 crop, as of Jan. 16, when three mills were operating totaled 2,159 tons, 96° basis compared with 7,794 tons as of Jan. 17 last year when four mills had commenced operations.

The New York Coffee and Sugar Exchange quotations of the spot price of World raw sugar bagged and stowed at Greater Caribbean ports, including Brazil, averaged 4.16 cents per pound in December. This was down from 4.18 cents during November but up from 2.86 cents in December of last year. The quotation has exhibited considerable strength since mid-October. It was 4.00 cents per pound on Oct. 19 and has not been below that figure since. During October the quotation ranged between 4.01 cents and 4.30 cents. In December it ranged between 4.08 cents and 4.33 cents.

The quotation has strengthened further in January starting the month at 4.35 cents and rising to 5.09 cents per pound on Jan. 18, after which it weakened slightly to 5.04 cents on Jan. 21 and to 4.91 cents on Jan. 25. However, on Jan. 26, the quotation rose to 4.99 cents. For the period Jan. 1-27 the quotation averaged 4.77 cents per pound compared with 3.10 cents during that period of January 1970.

The "spot" quotation for World sugar sold under the No. 11 Contract of the Exchange (stowed bulk basis) averaged 4.08 cents per pound in December, down from 4.11 cents in November. The difference in the quotations under the two contracts which primarily represents the costs of bags and bagging has ranged from .10 cent per pound in May 1970, when the No. 11 Contract was first initiated to eventually replace the No. 8

Contract to .06 cent in July and August. During September, October and November the No. 11 Contract averaged .07 cent below that of the No. 8 Contract and in December was .08 cent less.

The No. 8 futures Contract for World sugar was replaced by the No. 11 Contract at year end 1970. On Jan. 21 the quotations for the No. 11 Contract ranged from 5.00 cents per pound for delivery of sugar in March 1971 to 4.71 cents for delivery in May 1972. Recently, lack of interest by Eastern European beet sugar countries on bidding for white sugar business in the Middle East, Africa and Asia has contributed toward strength in both the futures and actual world market sugar prices. Market analysts are not sure of the reasons for this situation but speculate that the 1970 Eastern sugarbeet crop may have been smaller than expected, the 1971 Cuban sugarcane crop may be smaller than estimated, sugar consumption is increasing in Communist countries or market strategy by Eastern European beet sugar exporting countries is changing.

REVIEW OF 1970 SUGAR SITUATION

The year marked the introduction of many sugar containing products to replace cyclamate sweetened foods withdrawn from the market.

Work stoppages were another feature of the year. The most serious was at the California and Hawaiian cane sugar refinery, the largest cane sugar refinery in the United States and the only one on the West coast which was strike bound from June 1 through Sept. 22, 1970.

The dislocations resulting from this strike complicated supply problems during the heavy sugar consuming months of the year but all sugar users were able to procure needed supplies. West Coast beet sugar processors had large inventories and were able to make heavy deliveries during the summer months before new crop sugar became available.

Deliveries

Sugar deliveries by primary distributors for consumption in the Continental United States during calendar year 1970 totaled 11,317,000 short tons, raw value, according to preliminary reports. Included in this total were approximately 170,000 tons of constructive marketings compared with 40,000 tons at year end 1969. Physical deliveries, therefore, totaled about 11,187,000 tons, the largest calendar year distribution of record. Sugar physically delivered in 1970 exceeded that of 1969, the previous record year by about 355,000 tons.

Physical deliveries on a per capita basis amounted to about 109 pounds, raw value, in 1970 compared with about 107 pounds in 1969 and 1968 and an average of 103.4 pounds in the preceding 10 years. In most years of that period, apparent consumption departed only slightly from 104 pounds.

While physical deliveries totaled 11,187,000 tons, there was a notable divergence between the rate before and after June 30. During the first half of the year, physical deliveries were at a seasonally adjusted annual rate of 11.6 million tons while in the second half that rate was 10.8 million tons.

The most apparent cause for the disparity was the fact that numerous sugar containing products were being introduced early in the year to replace the cyclamate sweetened products withdrawn from the market. The process necessitated creation of a working level of stocks of the new products--inventories that will remain and may increase somewhat as the demand for the products grow.

This stock building process evidently was completed by June 30. If it is assumed that 150,000 tons of sugar were required for this purpose, then actual sugar consumption for the year may have been about 11,035,000 tons or about 108 pounds per capita -- one pound more than in 1968 and 1969.

Aside from the inventories of new products, it would further appear that invisible inventories of sugar -- those in the hands of retailers, wholesalers, and food processors -- expanded somewhat during the first half of the year and contracted during the last half.

Although reported beet sugar deliveries in 1970 were about 360,000 tons, raw value, more than those of 1969, physical deliveries of 3,447,000 tons, in 1970 were only about 54,000 tons more than in 1969. Cane sugar refiners' deliveries of 7,531,000 tons were about 289,000 tons above those of 1969, accounting for more than 80 percent of the year-to-year increase in physical deliveries and were within 60,000 tons of their record 1968 deliveries.

Consumption requirements and quota charges

Sugar requirements of consumers were initially established at 10.8 million short tons, raw value, on Dec. 17, 1969. On May 8, 1970, requirements were increased 200,000 tons, on June 5 an additional 100,000 tons, on June 19 another 100,000 tons and on July 2 they were increased 400,000 tons to 11.6 million tons where they have remained for the balance of the year.

During the year, deficits totaling 850,127 tons from the basic quotas of Puerto Rico, the Virgin Islands, Peru, Panama and Haiti were declared and allocated: 175,000 tons to the Republic of the Philippines, 40,000 tons by Presidential Action to the Dominican Republic and 635,127 tons, in accordance with the statutory formula, to those Western Hemisphere countries (including the Dominican Republic) able to supply additional sugar.

The quota for Hawaii was reduced 4,514 tons on the basis of final data for the production and marketing of sugar in 1969 and this quantity was prorated to foreign countries.

Based on preliminary information, quota charges during 1970 totaled 11,561,000 tons. About half of the shortfall (20,000 tons) was in the sugarbeet area quota.

With quota charges of 11,561,000 tons and deliveries of 11,317,000 tons, the difference of about 244,000 tons minus about 60,000 tons lost in the refining process resulted in an increase of about 191,000 tons in quota stocks held by refiners at year-end 1970, but a decline of 7,000 tons in importers' stocks.

Prices

The spot price for domestic raw sugar, duty paid New York, during 1970 averaged 8.02 cents per pound, up 4.1 percent from the average for 1969. The 1969 and 1968 average prices for the year were 3.1 percent and 3.3 percent higher, respectively, than the prior years. The lowest price during 1970 was 7.75 cents for the period Nov. 11-Dec. 7 and the highest 8.27 cents during the period May 14-20.

The pattern of raw sugar prices during 1970 exhibited a departure from that of recent years. The price followed a declining trend through April; was much stronger during May through October, the period affected by the West Coast refinery strike; and for the first time in recent years declined during November and December to levels that were below that for January. Supplies of off-shore raw sugar came in in volume during the last two months of the year.

The weighted average quoted wholesale price for refined sugar in the United States in 100-pound bags increased 5.8 percent in 1970 as compared with 1969. The largest increase was in the Chicago-West region.

The U. S. average retail price for refined sugar sold in five pound paper bags was _____ cents per pound during calendar year 1970, an increase of _____ percent over the 1969 average. The price at the beginning of the year was 12.54 cents. Increases occurred each month thereafter bringing the price to an average of 13.40 cents per pound for December.

Domestic production

Sugar production in the four domestic areas totaled 6,325,000 tons during calendar year 1970, or 350,000 tons more than in calendar year 1969. The two off-shore areas, Hawaii and Puerto Rico produced less while the two mainland areas, more than in 1969.

Beet sugar production of 3,511,000 tons included 2,108,000 tons of 1970 crop production. During calendar 1969 beet sugar production had been 3,246,000 tons, including 1,986,000 tons of 1969 crop production. The balance of the 1969 crop totaling 1,403,000 tons was produced in calendar year 1970.

Plantings for the 1970 sugarbeet crop were about 1,459,000 acres, 12 percent less than the record plantings of 1969. Recent estimates place sugar production for the crop at about 3,325,000 tons. The harvest of sugarbeets in 1970 was about average although the outturn in Arizona was poor and a considerable tonnage of beets was lost in southern Minnesota because of freezes.

The Jan. 1, 1971 effective inventory (sugar on hand and that to be processed in 1971 from 1970 crop sugarbeets) of the domestic beet sugar industry will be reduced by the difference between the final 1970 crop beet sugar production and the 3,577,000 tons of beet sugar marketed in 1970. In anticipation of this situation the Department announced on Sept. 3, 1970 that proportionate shares (acreage allotments) would not be established for the 1971 crop of sugarbeets.

Calendar year 1970 production in the mainland cane area totaled about 1,175,000 tons or 121,000 tons more than in calendar year 1969. The acreage allotment for the 1970 crop was increased 11.8 percent above the 1969 crop level. Production of sugar from the 1970 crop is expected to be slightly above the calendar year total or about 1,230,000--159,000 tons more than the 1,071,000 tons from the previous crop.

On July 20, 1970, the Department increased the acreage allotment for the 1971 crop mainland cane area 15 percent above the 1970 crop level. Although the 1970 crop was larger than the 1969 crop, increased marketings of cane sugar during 1970 reduced the effective inventory on Jan. 1, 1971 by about 80,000 tons below that of Jan. 1, 1970, or to about 75 percent of the current 1971 marketing quota.

Hawaiian sugar production in 1970 totaled 1,162,000 tons or about 30,000 tons less than in 1969.

Puerto Rican sugar production in 1970 amounted to 461,000 tons, raw value, down 22,000 tons from the previous year. The area is still plagued by an extremely low yield of sugar from the cane as well as by insufficient workers to harvest the crop.

World sugar situation

The price for World sugar f.o.b. and stowed at Caribbean ports averaged 3.75 cents per pound during 1970, up 11 percent from the 3.37 cents average for calendar year 1969. The price began the year on a strong note averaging 3.12 cents per pound in January 1970, up from 2.86 cents in December 1969. The monthly average price increased for each month thereafter through November reaching an average of 4.18 cents before declining to 4.16 cents per pound in December.

In November 1970 the Foreign Agricultural Service of the Department estimated that the 1970-71 crop of World sugar would be a near record 79,164,000 short tons, raw value, almost equal to the 1969-70 crop now estimated at 79,671,000 tons. Larger crops in Brazil, Mexico, Poland, the Philippines and the U.S.S.R. were expected to approximately offset a smaller Cuban crop. They estimate the 1970-71 Cuban crop at 6.5 million tons, following the all-time record production in 1969-70 of 9.4 million short tons.

F. O. Licht, the European sugar statistician, on Jan. 21, 1971, estimated World sugar production from the 1970-71 crop at 73.09 million metric tons (80.57 million short tons) down from the 1969-70 crop which he estimated as 74.23 million tons. Licht estimated world sugar consumption for 1970-71 at 74.87 million tons, up 3.6 percent from the 72.27 million metric tons estimated for 1969-70. If these estimates prove correct, consumption in 1970-71 would exceed production and result in a decline in world stocks of about 1.8 million metric tons.

Licht estimated that total World supply (production plus initial stocks) of sugar for the 1969-70 crop amounted to 93.8 million metric tons or 129.7 percent of consumption (72.3 million tons). For 1970-71 total world supplies are estimated at 94.5 million tons or 126.1 percent of consumption at 74.9 million tons. Traditionally, supplies of less than 125 percent of consumption have signalled a strong market. If the estimates prove correct World stocks at the end of the 1970-71 crop would decline to 19.6 million tons compared with 21.4 million tons estimated at the end of 1969-70.

Another important factor in the strengthening of World prices was the International Sugar Agreement of 1968. As in past agreements, the price stabilization mechanism consists of a system of export quotas, which must be adjusted in response to sugar price movements in the free market. Export quotas for the 1970 calendar year were at 90 percent of the basic export tonnages established under the Agreement.

At a meeting of the Council in London, it was announced on Nov. 18, 1970, that initial 1971 export quotas would be at 95 percent of the basic export tonnages established under the Agreement. On Dec. 30, 1970, the Executive Committee of the International Sugar Agreement met in London to review the market situation in light of price developments. At the end of its session, the Committee announced that the normal procedures of the Agreement would be followed and that export quotas in view of the price then prevailing would be fixed at 100 percent of the basic export tonnages at the beginning of 1971.

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESEntry of Second Quarter Sugar Permitted During First Quarter

The U. S. Department of Agriculture on Jan. 14, 1971, announced that raw sugar under set-aside agreements for importation during the second quarter of 1971 may be authorized for entry prior to April 1 for refining and storage at North of Hatteras refineries.

The Department on Dec. 4, 1970, announced a 2.2 million short tons, raw value limit on the importation of sugar during the first half of 1971. On Dec. 16 the Department approved importations of 750,000 tons during the first quarter of 1971. In addition about 35,000 tons of 1971 quota sugar was imported in 1970 for refining and storage under bond. Set-aside agreements for the importation of the remainder of the 2.2 million tons -- now estimated as 1,415,000 tons -- will be approved shortly after Jan. 15. It is sugar within this quantity which will be permitted to be imported before April 1, 1971 provided that it is placed under a bond assuring that it will be stored as refined or raw sugar at North of Hatteras refineries.

Refineries in the Gulf and South Atlantic have ample supplies of raw sugar. Processing of sugar from the 1970 sugarcane crop was recently completed in Louisiana and is still in progress in Florida. Because of shipping considerations, a considerable quantity of the sugar authorized for importation during the first quarter is also destined for South of Hatteras ports. As a result, other refineries may have some difficulty in satisfying their needs from the quantities of the sugar previously authorized for importation. This action will assure refineries North of Hatteras of adequate supplies of raw sugar thru March.

USDA Announces approval of raw sugar imports during second quarter of 1971

The U. S. Department of Agriculture on Jan. 19, 1971 approved applications for the importation from 22 foreign countries of 1,411,865 short tons, raw value, of raw sugar during the second quarter of 1971.

The importation of this quantity of sugar was authorized in Sugar Regulation 811 announced December 4 (USDA 3733-70) and published in the Federal Register of December 12.

Allocations, made pursuant to that regulation, and limited by applications received thereunder, were based on average 1968-70 first half importations (adjusted for importations permitted during the first quarter of 1971) except that a minimum allocation was established at the lesser of 5,000 short tons, raw value, or the quantity applied for.

The approval of importations for the second quarter of 1,411,865 tons together with importations approved for charge to quota during the first quarter of 788,135 tons total 2,200,000 tons of 1971 quota sugar approved for importation before July 1. It should be noted that raw sugar approved in this action for importation during the second quarter of 1971 may be authorized for entry prior to April 1, under bond for refining and storage at North of Hatteras refineries (USDA 132-71).

Applicants for quota set-asides are being notified of the disposition of their requests.

The quantities requested and approved for second quarter importation for individual countries are shown in the accompanying table along with the quantities approved for importation during the first quarter and first half of 1971.

Country	1971 quotas	Applications for		Previously	Total
		second quarter importation		approved	approved
		of raw sugar		for	for
		Received	Approved	first quarter 1/	first half
Short tons, raw value					
Philippines	1,126,020	515,916	363,788	122,975	486,763
Mexico	476,527	288,400	245,146	131,241	376,387
Dominican Republic	466,048	370,800	266,694	118,828	345,522
Brazil	466,048	250,002	158,391	126,711	285,102
Peru	371,729	77,250	60,076	68,753	128,829
Br. West Indies	164,079	85,000	62,431	24,819	87,250
Ecuador	67,811	22,600	13,548	6,973	20,521
Fr. West Indies	51,614	41,600	29,802	13,278	43,080
Argentina	57,331	19,132	19,132	28,477	47,609
Costa Rica	54,865	37,080	24,350	16,472	40,822
Nicaragua	54,865	39,140	22,590	7,556	30,146
Colombia	49,317	20,237	15,578	12,078	27,656
Guatemala	46,234	20,341	17,412	28,822	46,234
Panama	34,522	20,800	15,784	5,834	21,618
El Salvador	33,905	16,299	11,208	19,927	31,135
Haiti	25,892	9,282	8,116	5,000	13,116
Venezuela	23,426	51,333	10,818	9,697	20,515
Br. Honduras	11,953	4,800	4,800	5,735	10,535
Bolivia	5,548			217	217
Honduras	5,548			5,380	5,380
Bahamas	10,000	5,000	5,000	5,000	10,000
Australia	194,965				
Republic of China	81,235	47,689	47,460	4,074	51,534
India	77,986	37,804	32,269	26	32,295
South Africa	57,406	17,472	17,472	18,291	35,763
Fiji Islands	42,784			759	759
Thailand	17,872			847	847
Mauritius	17,872				
Malagasy Republic	9,206				
Swaziland	7,041			365	365
Total	4,109,649 2/	1,961,977	1,411,865	788,135	2,200,000

^{1/} Represents 750,000 tons of sugar approved on Dec. 16, 1970 for importation during the first quarter of 1971 plus 38,135 tons of 1971 quota sugar imported under bond in 1970.

^{2/} Excludes sugar quotas for domestic areas and Ireland; total quotas are 10,900,000 short tons, raw value.

ADMINISTRATIVE ACTIONSDate announcedNature of action

December 29,
1970

Announced allotment to processors of 90 percent of the direct-consumption portion of the mainland sugar quota for Puerto Rico for the calendar year 1971.

These allotments limit the quantity of Puerto Rican direct-consumption sugar that may be brought into the continental United States by each allottee.

Sec. 205(a) of the Sugar Act requires the Secretary of Agriculture to allot a quota whenever he finds that the allotment is necessary among other things (1) to prevent disorderly marketing of sugar or liquid sugar, and (2) to afford all interested persons an equitable opportunity to market sugar or liquid sugar.

A hearing held in Santurce, Puerto Rico, on Nov. 12, 1970, provided the basis for the order establishing the allotments. (See Jan. 1, 1971 Federal Register).

December 30,
1970

Announced 1971 sugar requirements and quotas for local consumption of 50,000 short tons, raw value, for Hawaii and 135,000 tons for Puerto Rico.

This action makes effective, without change, as of Jan. 1, 1971, the requirements and quotas set forth in a Notice of Proposed Rule Making published on Dec. 12, 1970 (Press Release USDA 3814-70). (See Jan. 6, 1971 Federal Register)

Date announcedNature of action

December 30,
1970

Announced preliminary marketing allotments to processors of a portion of the 1971 sugar quota for the Mainland Cane Sugar Area.

These preliminary allotments are based on a public hearing held on Dec. 3, 1970 and are established at the larger of 75 percent of 1970 allotments which became effective on Aug. 15, 1970 or the respective allottee's estimated Jan. 1, 1971 effective inventory, which could not be marketed within its 1970 marketing allotment.

Preliminary allotments of a portion of the quota will be in effect until an order can be issued on the basis of a public hearing to be held early in 1971 for determining the method to be used in establishing final 1971 allotments. (Jan. 6, 1971 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. December 1970 sugar deliveries for continental U. S. consumption 1,043,000 short tons, raw value (preliminary) up about 221,000 tons from November 1970 and up about 124,000 tons from December 1969. January-December 1970 deliveries 11,317,000 short tons, raw value, (preliminary), up 662,000 tons from January-December 1969. Final data for November 1970 deliveries 822,000 short tons, raw value, previously published preliminary as 825,000 tons.
2. Primary distributors' stocks January 2, 1971 were 2,761,000 short tons, raw value (preliminary) down 38,000 tons from a year ago and up 559,000 tons from end of November 1970. During December refiners' stocks increased by 162,000 tons, beet processors' stocks by 191,000 tons and mainland cane processors' stocks by 210,000 tons. Importers of direct consumption sugar stocks decreased by 4,000 tons.
3. Charges to quotas calendar year 1970 were 11,560,170 short tons, raw value.
4. Regionally, January-November sugar deliveries, 1970 as compared to 1969 were up in all of the 5 regions: Increases -- North Central 8.1 percent, West 4.6 percent Mid-Atlantic 4.5 percent, South 4.2 percent and New England 1.5 percent.

Table 1.- Sugar supply and disposition by primary distributors, January-November 1970

(Short tons, raw value)

Item	Beet	Importers	Main-land	Refiners		Net total
	processors		cane processors ^{1/}	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1970</u>	1,413,235	9,904	412,114	694,885 ^{2/}	268,967 ^{2/}	2,799,105
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	142,838	0	0	7,882	150,720
b. Produced from beets or cane	2,918,124	0	722,207	58,491	26,189)	2,778,272 ^{3/}
Less deliveries to refiners		0	946,739	0	0)	
c. Receipts of raws by refiners	0	0	0	6,950,457 ^{4/}	0)	-77,975 ^{5/}
Less raws melted	0	0	0	7,028,432	0)	
d. Refined from raws melted	0	0	0	0	6,968,708	6,968,708
e. Adjustments	-3,051	0	-335	-1	-2,140	-5,527
f. Sub-total	2,915,073	142,838	-224,867	-19,485	7,000,639	9,814,198
3. <u>Net total supply</u>	4,328,308	152,742	187,247	675,400	7,269,606	12,613,303
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	3,171,469	139,535	57,018	14,786	6,890,561	10,273,369
b. Export	0	120	0	0	62,398	62,518
c. Livestock feed	0	3,752	0	237	50,331	54,320
d. Alcohol	0	0	0	0	21,003	21,003
e. Sub-total	3,171,469	143,407	57,018	15,023	7,024,293	10,411,210
5. <u>Inventory Nov. 30, 1970</u>	1,156,839	9,335	130,229	660,377 ^{6/}	245,313 ^{6/}	2,202,093
6. <u>Total distribution and inventory</u>	4,328,308	152,742	187,247	675,400	7,269,606	12,613,303

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes mainland cane sugar not charged to quota: Raws, 200,002; Refined, 23,486; Total, 223,488.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 946,739 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Refiners' inventories include mainland cane sugar not charged to quota: Raws, 61,895; Refined, 3,034; Total, 64,929. Importers' inventory include 1,762 tons for quota exempt purposes.

Table 2.- Distribution of sugar by primary distributors, January-November 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Continental United States			
Refiners' raw	15,023	15,704	-681
Refiners' refined	7,024,293	6,758,646	+265,647
Sub-total	7,039,316	6,774,350	+264,966
Beet processors' refined	3,171,469	2,905,283	+266,186
Importers' direct consumption	143,407	145,118	-1,711
Mainland sugarcane processors'	57,018	49,825	+7,193
Total	10,411,210	9,874,576	+536,634
For: Export	62,518	78,450	-15,932
Livestock feed	54,320	41,746	+12,574
Alcohol	21,003	19,050	+1,953
Continental consumption ^{1/}	10,273,369	9,735,330	+538,039
Puerto Rico	110,000 ^{2/}	111,740	-1,740
Hawaii	33,429	31,441	+1,988

^{1/} Includes deliveries for United States military forces at home and abroad.

^{2/} Estimated.

Table 3.- Stocks of sugar held by primary distributors in the continental United States, November 30, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	660,377	592,741	+67,636
Refiners' refined	245,313	297,289	-51,976
Sub-total ^{1/}	905,690	890,030	+15,660
Beet processors' refined	1,156,839	1,156,390	+449
Importers' direct consumption	9,335	11,524	-2,189
Mainland sugarcane processors'	130,229	249,521	-119,292
Total	2,202,093	2,307,465	-105,372

^{1/} Included mainland cane sugar not charged to quota; 1970 - raws, 61,895; Refined, 3,034; Total, 64,929; 1969 - Raws, 158,215; Refined, 17,617; Total, 175,832

Table 4.- Distribution of sugar by primary distributors in the continental United States, December and January-December 1970 and 1969

Item	1970 ^{1/}	1969	
	December	Jan.-Dec.	December : Jan.-Dec.
Short tons, raw value			
Refiners	624,828	7,664,144	603,181 7,377,531
Beet processors' refined	405,295	3,576,764	310,294 3,215,577
Importers' direct consumption	9,715	153,122	13,410 158,528
Mainland sugarcane processors'	3,500 ^{2/}	60,518	2,485 52,310
Total	1,043,338	11,454,548	929,370 10,803,946
For: Export	n.a.	62,518	3,132 81,582
Livestock feed	n.a.	54,320	4,287 46,033
Alcohol	n.a.	21,003	2,521 21,571
Continental consumption ^{3/}	1,043,338	11,316,707	919,430 10,654,760

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad

Table 5.- Stocks of sugar held by primary distributors in the continental United States, January 2, 1971 and December 31, 1969

Item	January 2, 1971 ^{1/}	December 1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	824,750	694,885	+129,865
Refiners' refined	243,273	268,967	-25,694
Sub-total	1,068,023	963,852	+104,171
Beet processors' refined	1,347,551	1,413,235	- 65,684
Importers' direct consumption	5,036	9,904	-4,868
Mainland sugarcane processors'	340,000 ^{2/}	412,114	-72,114
Total	2,760,610	2,799,105	-38,495

^{1/} Preliminary. ^{2/} Estimated

Table 6.- Mainland sugar: Production and quota charges
January-November 1970 and 1969

Item	1970	1969	Change 1969 to 1970
<u>Short tons, raw value</u>			
<u>Production</u>			
Mainland cane	803,074	823,944	-20,870
Domestic beet	<u>2,915,073</u>	<u>2,679,021</u>	<u>+236,052</u>
Total	3,718,147	3,502,965	+215,182
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	496,141	453,712	+42,429
For direct-consumption	10,516	11,737	-1,221
Louisiana processor-refiners	130,142	119,835	+10,307
Florida sugarcane processors	<u>606,719</u>	<u>564,044</u>	<u>+42,675</u>
Sub-total	1,243,518	1,149,328	+94,190
Beet processors	3,171,469	2,905,283	+266,186
Total	4,414,987	4,054,611	+360,376

Table 7,- Receipts of quota-exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
	Short tons, raw value					
<u>For export</u>						
Argentina	1,759				1,759	
Brazil	16,035	29,385	120	106	16,155	29,491
Colombia		6,001				6,001
Dominican Republic	24,828				24,828	
El Salvador		8,334				8,334
France	8,255				8,255	
Guatemala	5,890				5,890	
Hawaii	1,013	1,016			1,013	1,016
Honduras	3,160				3,160	
Puerto Rico	436	472			436	472
Reunion		2,140				2,140
South Africa		7,587				7,587
Swaziland		81				81
Total	61,376	55,016	120	106	61,496	55,122
<u>For livestock feed</u>						
Australia	8,630				8,630	
Belgium				2,396		2,396
Brazil	12,797	10,537			12,797	10,537
Canada			4			4
Dominican Republic	12,169				12,169	
El Salvador	239	2,649			239	2,649
France				4,032		4,032
Honduras	9				9	
South Africa	16,539				16,539	
Sweden				6,501		6,501
United Kingdom			5,258		5,258	
Total	50,383	13,186	5,262	12,929	55,645	26,115
<u>For alcohol</u>						
Brazil		16,108				16,108
Colombia		5,747				5,747
Dominican Republic	9,818				9,818	
El Salvador		4,933				4,933
Total	9,818	26,788			9,818	26,788
<u>Held pending availability of quota</u>						
Argentina		3,807				3,807
Bahamas		209				209
Bolivia		75				75
British Honduras		759				759
China, Republic of	4,161				4,161	
Colombia		2,176				2,176
Costa Rica	3,757	3,581			3,757	3,581
El Salvador	2,321				2,321	
French West Indies	278				278	
Guatemala	2,929	2,986			2,929	2,986
Honduras	380	375			380	375
Mauritius		184				184
Mexico		5,000				5,000
South Africa	819	42			819	42
Swaziland	365	348			365	348
Thailand	847				847	
Venezuela	1,604				1,604	
Total	17,461	19,542			17,461	19,542
<u>In Customs custody</u>						
Costa Rica	48				48	
Hong Kong				47		47
Panama			25		25	
Reunion		9,351				9,351
Venezuela	121				121	
Total	169	9,351	25	47	194	9,398
GRAND TOTAL	139,207	123,883	5,407	13,082	144,614	136,965

Table 8.- Sugar receipts of refiners and importers by source of supply^{1/} January-November 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
OFFSHORE						
Foreign						
Argentina	65,676	41,873			65,676	41,873
Australia	176,641	173,882		176,641	176,641	173,882
Bahamas	9,790	10,209			9,790	10,209
Belgium				2,406		2,406
Bolivia		7,335				7,335
Brazil	657,518	661,958	120	106	657,638	662,064
British Honduras	11,519	16,263			11,519	16,263
British West Indies	186,567	197,631	2		186,569	197,631
Canada			4		4	
China, Republic of	67,905	69,456			67,905	69,456
Colombia	63,127	80,917	8	10	63,135	80,927
Costa Rica	75,369	70,222			75,369	70,222
Denmark			10	10	10	10
Dominican Republic	695,625	634,339			695,625	634,339
Ecuador	57,182	76,797			57,182	76,797
El Salvador	46,595	40,437			46,595	40,437
Fiji Islands	27,194	31,594			27,194	31,594
France	8,254			4,042	8,254	4,042
French West Indies	68,426	71,543			68,426	71,543
Germany			10	10	10	10
Guatemala	69,142	53,172			69,142	53,172
Haiti	20,433	17,419			20,433	17,419
Honduras	10,774	2,211			10,774	2,211
Hong Kong				46		46
India	54,887	55,749	5	3	54,892	55,752
Ireland			5,351	5,351	5,351	5,351
Mauritius		17,432				17,432
Mexico	644,662	658,237		4	644,662	658,241
Netherlands			10	10	10	10
Nicaragua	63,928	44,390	1		63,929	44,390
Panama	32,942	39,882	3,812	2,579	36,754	42,461
Paraguay			10	10	10	10
Peru	346,156	211,202			346,156	211,202
Philippines	1,149,360	885,455	9,480	4,194	1,158,840	889,649
Reunion		11,491				11,491
South Africa	78,051	64,435			78,051	64,435
Swaziland	7,464	7,164			7,464	7,164
Sweden			7	6,511	7	6,511
Thailand	19,758	17,564			19,758	17,564
United Kingdom			5,258		5,258	
Venezuela	33,806	21,570			33,806	21,570
Total	4,748,751	4,291,829	24,088	25,292	4,772,839	4,317,121
Domestic						
Hawaii	1,021,951	1,099,952	7,882 ^{2/}	4,691 ^{2/}	1,029,833	1,104,643
Puerto Rico	230,858	211,815	118,750	119,851	349,608	331,666
Virgin Islands	0	0	0	0	0	0
Sub-total	1,252,809	1,311,767	126,632	124,542	1,379,441	1,436,309
Total all offshore	6,001,560	5,603,596	150,720	149,834	6,152,280	5,753,430
Mainland cane area	1,005,230	961,098	26,189 ^{3/}	24,294 ^{3/}	1,031,419	985,392
Acquired for reprocessing and samples	2,158	2,090	0	0	2,158	2,090
GRAND TOTAL	7,008,948	6,566,784	176,909	174,128	7,185,857	6,740,912

^{1/} Includes sugar as detailed in Table 7.^{2/} Refined sugar received by refiners.^{3/} Refined sugar produced direct from cane by processor - refiner.

Table 9.-Status of 1970 quotas and charges as of January 22, 1971 *

Source of supply	Quotas prorations	Total charges to quotas 1/2/3/	Balances 2/
		Short tons, raw value	
Domestic beet sugar	3,597,000	3,577,000	20,000
Mainland cane sugar	1,308,000	1,308,000	
Hawaii	1,145,486	1,145,486	
Puerto Rico	360,000 ^{4/}	352,001	7,999
Virgin Islands	0	0	0
Total	6,410,486	6,382,487	27,999
Republic of the Philippines	1,301,020	1,298,795	2,225
Argentina	78,509	78,509	
Australia	206,270	206,270	
Bahamas	10,000	9,998	2
Bolivia	7,599	7,599	
Brazil	638,210	638,210	
British Honduras	15,782	15,782	
British West Indies	216,645	216,645	
China, Republic of	85,946	85,946	
Colombia	67,537	67,537	
Costa Rica	75,133	75,133	
Dominican Republic	678,209	678,209	
Ecuador	92,860	91,150	1,710
El Salvador	46,429	46,429	
Fiji Islands	45,265	45,265	
French West Indies	68,149	68,149	
Guatemala	63,314	63,314	
Haiti	26,176	21,632	4,544
Honduras	7,599	7,599	
India	82,508	82,479	29
Ireland	5,351	5,350	1
Malagasy Republic	9,740	9,671	69
Mauritius	18,909	18,398	511
Mexico	652,559	652,559	
Nicaragua	75,133	75,133	
Panama	39,500	36,760	2,740
Peru	455,991	455,991	
South Africa	60,735	60,735	
Swaziland	7,448	7,448	
Thailand	18,909	18,909	
Venezuela	32,079	32,079	
Total foreign	5,189,514	5,177,683	11,831
Grand total	11,600,000	11,560,170	39,830

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances; Hawaii, 7,908 and 31,764; Panama, 3,817 and 0; Philippines, 10,357 and 49,563; Puerto Rico 122,236 and 51,764; Ireland, 5,350 and 1.

3/ Includes raw sugar for direct consumption: Hawaii, 26.

4/ Despite deficits declared, the full basic quota remains available.

* Subject to adjustment for final weights and tests received after January 22, 1971

Table 10-Quota-exempt and over quota sugar authorized for entry as of January 22, 1971

Country	Reexport	Feed	Alcohol	For refining under bond	Total
			Short tons, raw value		
Hawaii				936	936
Argentina	1,759			3,925	5,684
Australia		6,688			6,688
Bolivia				217	217
Brazil	16,155	12,797		4,743	33,695
British Honduras				735	735
British West Indies				948	948
Canada		4			4
China, Republic of				4,060	4,060
Colombia				3,364	3,364
Costa Rica				3,757	3,757
Dominican Republic	24,828	12,169	9,818	1,589	48,404
El Salvador		79		2,321	2,400
France	8,255				8,255
Fiji Islands				749	749
French West Indies				278	278
Guatemala	5,890			2,929	8,819
Honduras	3,160	9		380	3,549
Mexico				1,702	1,702
Nicaragua				1,152	1,152
Peru				246	246
Reunion	7,532				7,532
South Africa		16,539		819	17,358
Swaziland				365	365
Thailand				847	847
United Kingdom		7,013			7,013
Venezuela				1,604	1,604
Total	67,579	55,298	9,818	37,666	170,361

1/ In addition: (a) Under provisions of sec. 212, 399 tons were entered as liquid sugar in small containers; 87 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to: Hawaii, 1,013 tons; Puerto Rico - 785 tons; (c) Tons of Sugar in Customs Custody for subsequent entry: Hong Kong 50; Colombia - 10 tons; Costa Rica - 48 tons; Venezuela - 121; Panama - 25

Table 11 - Primary distribution of sugar, continental United States, by States, November 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	105,820		4,532		110,352
Maine	38,832		1,005		39,837
Massachusetts	404,701		4,287	300	409,288
New Hampshire	30,404		2,823		33,227
Rhode Island	36,069		4,409		40,478
Vermont	18,487				18,487
Sub-total	634,313		17,056	300	651,669
Mid-Atlantic					
New Jersey	709,813		54,217	32,762	796,792
New York	1,235,117	29,714	43,702	4,710	1,313,243
Pennsylvania	1,130,770	16,290	39,990	10,000	1,197,050
Sub-total	3,075,700	46,004	137,909	47,472	3,307,085
North Central					
Illinois	803,739	1,138,087	3,600	10,600	1,956,026
Indiana	365,308	108,162	400		473,870
Iowa	58,380	106,454			164,834
Kansas	51,753	72,861			124,614
Michigan	263,590	318,753			582,343
Minnesota	42,361	196,769			239,130
Missouri	267,809	124,712			392,521
Nebraska	16,941	104,917			121,858
North Dakota	1,263	24,192			25,455
Ohio	659,172	179,131			838,303
South Dakota	1,750	23,966			25,716
Wisconsin	120,476	197,295			317,771
Sub-total	2,652,542	2,595,299	4,000	10,600	5,262,441
Southern					
Alabama	193,678			7,960	201,638
Arkansas	81,518	3,374			84,892
Delaware	167,539		400		167,939
District of Columbia	22,331				22,331
Florida	331,763			108,739	440,502
Georgia	492,345		240	3,092	495,677
Kentucky	175,909	1			175,910
Louisiana	241,510			20,509	262,019
Maryland	35,888		19,849	720	326,457
Mississippi	10,481			225	108,706
North Carolina	281,504		2,660		284,164
Oklahoma	98,377	23,935			122,325
South Carolina	145,800		546		146,354
Tennessee	299,026	3	320		299,349
Texas	616,599	101,903		2,440	720,942
Virginia	243,659		8,389	7,000	259,048
West Virginia	63,735	2,400			66,135
Sub-total	3,869,683	131,616	32,404	150,685	4,184,388
Western					
Alaska	2,365	3,303			5,668
Arizona	22,506	37,608			60,114
California	480,864	29,437	11,650		1,421,951
Colorado	30,797	1,382			139,179
Idaho	3,849	1,006			21,855
Montana	9,223	16,73			26,096
Nevada	4,065	3,17			7,767
New Mexico	4,388	14,21			18,603
Oregon	31,708	98,843			130,551
Utah	6,130	37,723			43,853
Washington	43,448	106,580			150,028
Wyoming	4,073	5,246			9,319
Sub-total	643,416	1,379,918	11,650		2,034,984
Grand total	10,875,654	4,152,837	203,019	209,057	15,440,567

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12. - Primary distribution of sugar, continental United States, by States, January-November

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	1,185,498	23,670	51,820	200	1,261,188
Maine	470,697	23,731	9,309		503,737
Massachusetts	4,713,627	148,888	71,377	1,500	4,935,392
New Hampshire	333,070	2,185	12,321		347,576
Rhode Island	345,367	31,575	33,138		410,080
Vermont	207,543	11,103			218,646
Sub-total	7,255,802	241,152	177,965	1,700	7,676,619
Mid-Atlantic					
New Jersey	8,729,721	11,938	673,282	35,962	9,450,903
New York	14,258,827	423,864	666,849	9,090	15,358,630
Pennsylvania	12,042,219	240,512	507,617	13,000	12,803,348
Sub-total	35,030,767	676,314	1,847,748	58,052	37,612,881
North Central					
Illinois	8,190,336	14,453,254	16,300	57,500	22,717,390
Indiana	4,315,887	1,380,124	3,600		5,699,611
Iowa	592,544	1,714,381			2,306,925
Kansas	495,030	1,067,774		3,030	1,565,834
Michigan	3,362,377	3,961,637		1	7,324,015
Minnesota	399,473	2,458,206			2,857,679
Missouri	3,178,418	1,738,182		5,980	4,922,580
Nebraska	218,500	1,454,473			1,672,973
North Dakota	10,171	340,675			350,846
Ohio	7,522,021	2,517,936	2,400	10,000	10,052,357
South Dakota	23,636	291,141			314,777
Wisconsin	1,571,804	2,542,606			4,114,410
Sub-total	29,880,197	33,920,389	22,300	76,511	63,899,397
Southern					
Alabama	2,436,547			17,744	2,454,291
Arkansas	1,118,375	112,995		8	1,231,378
Delaware	1,823,011		2,920		1,825,931
District of Columbia	410,685		1,000		411,685
Florida	4,146,593		400	786,728	4,933,721
Georgia	6,414,280		1,920	17,285	6,433,485
Kentucky	2,200,851	2			2,200,853
Louisiana	3,579,023			46,259	3,625,282
Maryland	4,797,047	5	260,759	6,417	5,064,228
Mississippi	1,395,656			555	1,396,211
North Carolina	3,798,403		19,856	99	3,818,358
Oklahoma	1,169,979	356,206		1	1,526,186
South Carolina	1,936,214		4,893		1,941,107
Tennessee	3,790,207	-18	2,500		3,792,689
Texas	7,974,009	1,629,689	60	46,900	9,650,658
Virginia	2,846,234		90,04	12,050	2,948,327
West Virginia	835,127	15,160	11,100		861,387
Sub-total	50,672,241	2,114,039	395,451	934,046	54,115,777
Western					
Alaska	19,076	39,128			58,204
Arizona	270,759	547,207			817,966
California	5,388,176	15,115,771	99,454	3	20,603,404
Colorado	233,414	1,385,782			1,619,196
Idaho	32,029	308,481			340,510
Montana	46,871	280,965			327,836
Nevada	61,280	56,079			117,359
New Mexico	58,628	194,871			253,499
Oregon	458,712	1,571,414	13,237		2,043,363
Utah	91,346	680,964			772,310
Washington	565,258	2,075,815	51,089		2,692,162
Wyoming	24,594	67,424			92,018
Sub-total	7,250,143	22,323,901	163,780	3	29,737,827
Grand total	130,089,150	59,275,795	2,607,244	1,070,312	193,042,501

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Primary distribution of sugar, continental United States, by states, January-November 1970

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
New England						
Connecticut	1,185	1,119	24	29	1,261	1,230
Maine	471	457	24	39	504	498
Massachusetts	4,714	4,589	149	202	4,935	4,847
New Hampshire	333	353	2	8	348	361
Rhode Island	345	349	31	38	410	405
Vermont	208	213	11	8	219	221
Sub-total	7,256	7,080	241	324	7,677	7,562
Mid-Atlantic						
New Jersey	8,730	7,988	12	138	9,451	8,767
New York	14,259	13,685	424	635	15,359	15,072
Pennsylvania	12,042	10,896	240	738	12,803	12,166
Sub-total	35,031	32,569	676	1,511	37,613	36,005
North Central						
Illinois	8,190	7,809	14,453	12,696	22,717	20,581
Indiana	4,316	3,812	1,380	1,482	5,700	5,304
Iowa	593	628	1,714	1,582	2,307	2,211
Kansas	495	509	1,068	928	1,566	1,442
Michigan	3,362	2,921	3,962	3,747	7,324	6,668
Minnesota	399	408	2,458	2,279	2,857	2,693
Missouri	3,178	3,095	1,738	1,614	4,922	4,716
Nebraska	219	156	1,454	1,428	1,673	1,587
North Dakota	10	3	341	279	351	282
Ohio	7,522	6,544	2,518	2,806	10,052	9,363
South Dakota	24	20	291	292	315	312
Wisconsin	1,572	1,393	2,543	2,566	4,115	3,959
Sub-total	29,880	27,298	33,920	31,700	63,899	59,118
Southern						
Alabama	2,437	2,427			2,454	2,440
Arkansas	1,118	1,067	113	116	1,231	1,183
Delaware	1,823	1,648		39	1,826	1,690
District of Columbia	411	384		4	412	391
Florida	4,147	3,693			4,934	4,387
Georgia	6,414	6,512			6,434	6,531
Kentucky	2,201	2,145		58	2,201	2,203
Louisiana	3,579	3,579			3,625	3,623
Maryland	4,797	4,200		48	5,064	4,483
Mississippi	1,396	1,369			1,396	1,369
North Carolina	3,798	3,805			3,818	3,815
Oklahoma	1,170	1,116	356	417	1,526	1,535
South Carolina	1,936	1,707			1,941	1,707
Tennessee	3,790	3,766		6	3,793	3,775
Texas	7,974	6,592	1,630	2,521	9,651	9,161
Virginia	2,846	2,787		18	2,948	2,851
West Virginia	835	793	15	12	861	811
Sub-total	50,672	47,590	2,114	3,239	54,115	51,955
Western						
Alaska	19	32	39	27	58	59
Arizona	271	345	547	348	818	693
California	5,388	8,457	15,116	11,295	20,604	19,799
Colorado	233	254	1,386	1,244	1,619	1,498
Idaho	32	41	309	326	341	367
Montana	47	39	281	261	328	300
Nevada	61	95	56	36	117	131
New Mexico	59	70	195	166	254	236
Oregon	459	662	1,571	1,349	2,043	2,018
Utah	91	92	681	655	772	747
Washington	565	737	2,076	1,751	2,692	2,513
Wyoming	25	9	67	72	92	82
Sub-total	7,250	10,833	22,324	17,530	29,738	28,443
Grand total	130,089	125,370	59,275	54,304	193,042	183,083

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 14.- Sugar prices

Period	Raw cane sugar-spot price		Quota premium and discount <u>3/</u>	Refined beet sugar quoted wholesale (gross) <u>4/</u>		
	Domestic	"World"		Eastern	Chicago-West	Pacific Coast
	sugar at NY: duty paid <u>1/</u> :	sugar <u>2/</u>				
	Cents per pound					
1965-69	7.26	2.26	+4.03	9.69	9.69	9.88
1968	7.52	1.98	+4.56	9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14

1970

January	8.11	3.12	+3.91	10.50	10.50	10.50
February	7.96	3.23	+3.61	10.58	10.58	10.50
March	7.90	3.44	+3.34	10.85	10.85	10.50
April	7.90	3.62	+3.16	10.85	10.85	10.50
May	8.16	3.75	+3.26	10.85	10.85	10.70
June	8.22	3.82	+3.25	11.20	11.20	10.70
July	8.16	3.86	+3.15	11.20	11.20	10.70
August	8.19	3.89	+3.15	11.20	11.20	10.70
September	8.16	3.93	+3.08	11.35	11.35	11.20
October	8.14	3.99	+3.00	11.45	11.45	11.20
November	7.96	4.18	+2.63	11.45	11.45	11.20
December	8.02	4.16	+2.71	11.45	11.45	11.20
Last 12-month average	8.07	3.75	+3.19	11.08	11.08	10.79

Year and month	Refined cane sugar - quoted wholesale (gross) <u>4/</u>						Retail U.S. average
	North	South	Gulf	Chicago-	Pacific		
	East	East		West	Coast		
	Cents per pound						
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12	
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18	
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40	

1970

January	11.70	11.06	10.80	10.50	10.38	12.54
February	11.70	11.20	10.87	10.58	10.50	12.58
March	11.70	11.20	10.90	10.85	10.50	12.70
April	11.70	11.20	10.90	10.85	10.50	12.76
May	11.88	11.20	10.90	10.85	10.70	12.84
June	12.05	11.43	11.15	11.20	10.70	12.92
July	12.05	11.50	11.15	11.20	10.70	13.04
August	12.05	11.50	11.15	11.20	10.70	13.12
September	12.20	11.65	11.15	11.35	11.20	13.16
October	12.20	11.65	11.15	11.45	11.20	13.22
November	12.20	11.65	11.15	11.45	11.20	13.34
December	12.20	11.65	11.15	11.45	11.20	13.40
Last 12-month average	11.97	11.41	11.04	11.08	10.79	12.97

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract NO. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5 to 9.

Table 15- Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale North- east 1/	Dextrose New York 2/		Corn sirup New York 3/		Dextrose relative to refined sugar		Corn sirup relative to refined sugar	
		Quoted	Dry 4/	Quoted	Dry 4/	Quoted	Dry	Quoted	Dry
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
<u>1970</u>									
January	11.70	9.16	9.96	6.45	8.03	78	85	55	69
February	11.70	9.17	9.97	6.50	8.09	78	85	56	69
March	11.70	9.24	10.04	6.50	8.09	79	86	56	69
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
October	12.20	9.61	10.45	7.26	9.04	79	86	60	74
November	12.20	9.64	10.48	7.26	9.04	79	86	60	74
December	12.20	9.61	10.45	7.26	9.04	79	86	60	74
Last 12-month average	11.97	9.38	10.20	6.79	8.45	78	85	57	70

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964, price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 16.- Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks ^{1/}	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
<u>1970</u>				
January	585	475	254	1,677
February	529	290	264	1,707
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629	111	225	842
August	662	117	220	557
September	691	140	215	324
October	673 ^{2/}	614	217	696
November	616 ^{2/}	683 ^{2/}	245 ^{2/}	1,157
December ^{3/}	625	596	243	1,348
Last 12-month average	636	293	253	1,144

^{1/} Includes over-quota and quota exempt.^{2/} Revised.^{3/} Preliminary

Supplement to SUGAR STATISTICS, Volume II, for Mainland cane,
Louisiana and Florida

This supplement brings to date Statistical Bulletin No. 244, "Sugar Statistics and Related Data," Volume II (revised), issued February 1969 as it relates to the Mainland cane area, Louisiana and Florida.

Some readers may want to transcribe the data appearing in this supplement to the tables in that bulletin. A cross-reference of the tables in this supplement to the corresponding tables in Volume II is shown below.

Copies of Statistical Bulletin No. 244, including addenda for Mainland cane area, may be obtained upon request to the Information Division, Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture, Washington, D.C. 20250.

Table and page			:	Table and page			:	Table and page		
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19(a)	A	31		20	A	31		29	A	31
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19(d)	C	31		23	D	32		32	D	32
19(e)	D	32		24	E	32		33	E	32
19(f)	F	32		25	F	32		34	F	32
19(g)	G	33		26	G	33		35	G	33
19(h)	H	33		27	H	33		36	H	33
				28	I	33		37	I	33

SUPPLEMENT TO SUGAR STATISTICS VOLUME II (REVISED) FEBRUARY 1970
 AGRICULTURAL, MANUFACTURING, PAYMENT AND INCOME DATA FOR
 MAINLAND CANE, LOUISIANA, AND FLORIDA - 1969 CROP

A. Sugar production

A. 1. No. mills

Table in Vol. II and area	Crop year	Production		No. of cane sugar mills in operation Table 19(b)
		Raw value	Refined equivalent <u>1/</u>	
		1,000 tons		
Table 19(a)				
Mainland cane area	1969	1,071	1,001	53
Table 20				
Louisiana	1969	539	504	44
Table 29				
Florida	1969-70	532	497	9

^{1/} Raw value multiplied by 0.9346B. Farms and acreage of sugarcane

	Table 19(c) Mainland cane 1969	Table 21 Louisiana 1969	Table 31 Florida 1969-70
Farms (number)	1,821	1,687	134
Acreage harvested:			
For sugar (1,000 acres)	388.6	235.1	153.5
For seed "	27.7	21.2	6.5
Total "	416.4	256.3	160.1
Acreage abandoned (1,000 acres)	0.4	0.3	0.1
Acreage harvested per farm	228.7	151.9	1,194.7

C. Number of farms by size groups: sugarcane acreage planted ^{1/}

Size group of planted acre	Table 19d Mainland cane 1969	Table 22 Louisiana 1969	Table 30 Florida 1969-70
0.1 - 4.9	65	65	0
5.0 - 9.9	73	69	4
10.0-24.9	201	196	5
25.0-49.9	342	330	12
50.0-99.9	450	435	15
100.0-199.9	307	283	24
200.0-499.9	263	234	29
500.0 and over	120	75	45
Total	1,821	1,687	134

^{1/} Acres harvested for sugar and seed, and bona fide abandoned acres within the proportionate share.

D. Sugarcane production, yield, and sugar produced per ton of cane

Item	Table 19(e)		Table 23	Table 32
	Mainland cane		Louisiana	Florida
	1969		1969	1969-70
Sugarcane production:				
For sugar (1,000 tons)	10,873		5,676	5,197
For seed " "	731		511	220
Total " "	11,604		6,187	5,417
Yield of cane per harvested acre:				
For sugar (tons)	28.0		24.1	33.8
For seed " "	26.4		24.1	33.8
Total " "	27.9		24.1	33.8
Sugar produced per ton of cane for sugar:			Table 24	Table 33
pounds, raw value	197		190	205

E. Manufacturing data

Table in Vol. II crop year and area	Cane ground for sugar	Sugar produced 1/			Sucrose content in cane 2/	Sucrose in normal juice	Purity of normal juice	Recovery of sucrose in raw sugar from sucrose in cane 3/
		Raw value	Per ton of cane ground					
		1,000 tons	Pounds	Percent*				
Table 24 Louisiana 1969	5,676	539	190	9.50	10.84	13.40	78.20	77.50
Table 33 Florida 1969-70	5,197	532	205	10.24	11.33	13.61	81.81	81.39

1/ Raw value. 2/ The sum of sucrose in mixed juice and sucrose in bagasse. 3/ Sucrose recovered in sugar divided by total sucrose in cane.

F. Sugar Act payments to cane growers

Table in Vol. II, crop year and areas	Producer- payees	Payments 1/				Average payment	
		For sugarcane marketed	For sugarcane abandonment	For deficiency in yields	Total	Per farm 2/	Per cwt. sugar raw value
		Number	Dollars				
Table 19(f) Mainland and cane 1969	5,060	12,810,245	3,082	31,453	12,844,780	7,054	0.60
Table 25 Louisiana 1969	4,915	7,665,743	1,547	13,671	7,680,961	4,553	0.71
Table 34 Florida 1969-70	145	5,144,502	1,535	17,782	5,163,819	38,536	0.48

1/ Based on sugar commercially recoverable determined in accordance with the effective determinations issued pursuant to the Sugar Act.

2/ For number of farms, see Tables (19c), 21 and 31 (Vol. II).

G. Value of raw sugar, molasses, and growers returns from sugarcane

Table in Vol. II crop year and area	Value from sale 1/			Growers returns from sugarcane		
	Raw sugar	Molasses	Total	Processor payments 2/	Sugar Act payments 3/	Total

1,000 dollars

Table 19 (g)
Mainland cane

1967	216,809	13,411	230,220	138,003	17,032	155,035
1968	186,518	8,552	195,070	118,898	14,842	133,740
1969 4/	170,140	9,726	179,866	108,047	12,845	120,892

Table 26
Louisiana

1967	109,266	8,162	117,428	71,863	10,404	82,267
1968	102,005	5,351	107,356	66,614	9,593	76,207
1969	84,914	5,513	90,427	54,830	7,681	62,511

Table 35
Florida

1967-68	107,543	5,249	112,792	66,140	6,628	72,768
1968-69 4/	84,513	3,201	87,714	52,284	5,249	57,533
1969-70 4/	85,226	4,213	89,439	53,217	5,164	58,381

1/ Season's average prices of raw sugar and molasses multiplied by sugar and molasses production in each area.

2/ Season's average prices including molasses bonus paid by processors to growers multiplied by sugarcane production. 3/ Includes abandonment and deficiency payments. 4/ Estimated.

H. Growers returns per ton of sugarcane produced for sugar

Table in Vol. II crop year and area	Basis of payment		Processor payments		Sugar Act payments		Total
	Raw sugar per pound 1/	Molasses per gallon	Sugar	Molasses	Sugar	Abandon- ment & deficiency	
	Cents		Dollars per ton				

Table 19(h)
Mainland cane

1967			9.42		1.16		10.58
1968			9.33		1.16	0.01	10.50
1969 2/			9.94		1.18		11.12

Table 27
Louisiana

1967	7.353	14.94	8.54	0.32	1.28		10.14
1968	7.658	10.57	8.87	0.16	1.30	3/	10.33
1969	7.877	13.94	9.38	0.28	1.36		11.02

Table 36
Florida

1967-68	7.531	14.36	9.83	0.28	1.01		11.12
1968-69	7.782	10.18	9.58	0.16	0.96	0.02	10.72
1969-70 2/	8.010	14.07	9.97	0.27	0.99		11.23

1/ Season's average price for Florida raw sugar is based on periods corresponding generally with months during which raw sugar is marketed. 2/ Estimated. 3/ Less than 0.5 cent.

I. Total returns from sugarcane and molasses: distribution between growers and processors 1/

Table in Vol. II crop year and area	Total returns excluding Government payments		Total returns including Government payments 2/	
	Grower	Processor	Grower	Processor
	Percent			

Table 28
Louisiana

1969	61	39	64	36
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Table 37
Florida

1967-68	59	41	61	39
1968-69	60	40	62	38
1969 3/	60	40	62	38

1/ Payments received by growers divided by value of sugar and molasses. 2/ Includes abandonment and deficiency payments. 3/ Estimated.

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